

PI 550443 to 550472-continued

- PI 550454 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B52. **pedigree:** Inbred line of unknown origin, obtained from a private breeder. **other id:** GP-2. **source:** Crop Sci. 11(1):140 1971. **group:** CSR-MAIZE. **remarks:** Seed yield good. Stalk extremely hard. Root system strong. Maturity is AES800. Near immunity to second brood of European corn borer (*Ostrinia nubilalis*). Annual. Breeding Material. Seed.
- PI 550455 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B67. **pedigree:** Selected from Iowa Stiff Stalk Synthetic using the doubled monoploid method. **other id:** GP-4. **source:** Crop Sci. 11(1):140 1971. **group:** CSR-MAIZE. **remarks:** Plant vigorous, with tendency to produce 2 ears per plant. Maturity is AES800. Some tolerance to western corn rootworm (*Diabrotica virgifera*). Annual. Breeding Material. Seed.
- PI 550456 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B69. **pedigree:** Selected from Iowa Stiff Stalk Synthetic using the doubled monoploid method. **other id:** GP-5. **source:** Crop Sci. 11(1):140 1971. **group:** CSR-MAIZE. **remarks:** Plant vigorous. Maturity is AES800. Resistant to western corn rootworm (*Diabrotica virgifera*). Some resistance to corn leaf blight (*Helminthosporium turcicum*). Annual. Breeding Material. Seed.
- PI 550457 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** Iowa Elite Line Synthetic No. 1. **pedigree:** Combined 12 inbred lines (A257, A619, B14A, B52, B54, B55, B56, B57, C103, R168, R181, and (Minn. Syn. No. 1) sel. 24. **other id:** GP-6. **source:** Crop Sci. 11(1):140 1971. **group:** CSR-MAIZE. **remarks:** Synthetic population providing broad genetic variability in silking data and rate of moisture loss. Annual. Breeding Material. Seed.